

REMARKS

Claims 1-17 are pending in this application. Claims 4-9 have been withdrawn from further consideration. By this Amendment, claim 1 and the specification are amended, and claim 17 is added. No new matter is added. Reconsideration in view of the above amendment and following remarks is respectfully requested.

The Office Action objects to the specification because of a minor informality. Applicants amend the specification to correct the informality. Accordingly, Applicants' respectfully request that the objection to the specification be withdrawn.

The Office Action rejects claims 1-3 and 15 under 35 U.S.C. §102(b) as being anticipated by JP 62-128011 (JP 011); and claims 10-14 and 16 are rejected under 35 U.S.C. §103(a) as being unpatentable over JP 011 in view of Fukuda (U.S. Patent No. 6,144,533). Applicants' respectfully traverse the rejections.

In particular, Applicants assert that neither JP 011 or Fukuda disclose or suggest a thin film magnetic head including at least a thermal diffusion film being made of a metallic film, and disposed in a heat transmission path from a coil film toward a slider so as to radiate Joule heat created in the coil film via the slider, as recited in independent claim 1.

Specifically, JP 011 discloses in Figure 1 that radial pattern thermal diffusion films 9 are formed continuously at a periphery of the thin film coil 1. Furthermore, two magnetic films are formed via the insulating layer 4 so that the forefronts of the films constitute the corresponding top pole portion 3 and bottom pole portion 4 via given gap. The thin film coil 1 is wound at the back joint of the films passing through (embedded in) the insulating layer 4.

Fukuda discloses a thin film magnetic head that achieves low NLTS and demonstrates outstanding O/W characteristics in a high frequency range.

In contrast to the claimed invention, neither JP 011 or Fukuda, either alone or in combination, disclose or suggest a thin film magnetic head, including at least a thermal

diffusion film being made of a metallic film, and disposed in a heat transmission path from a coil film toward a slider so as to radiate Joule heat created in the coil film via the slider.

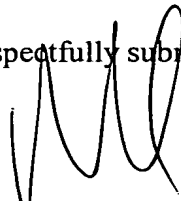
Instead, JP 011 discloses that the thermal diffusion films 9 are formed only in the same surface level continuously at the periphery of the thin film coil 1. Thus, because the thermal diffusion films 9 in JP 011 are not disposed in a heat transmission path, the Joule heat created in the thin film coil is not efficiently and effectively radiated via the slider.

Accordingly, because JP 011 fails to disclose each and every feature as a claimed invention, and because Fukuda fails to compensate for deficiencies in JP 011, Applicants' respectfully request that the rejections under 35 U.S.C. §102(b) and 35 U.S.C. §103(a) be withdrawn.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-3 and 10-17 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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